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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/921,729	08/03/2001	Fang Po-Hua	YUSO-122	8789

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EXAMINER

WORKU, NEGUSSIE

ART UNIT PAPER NUMBER

2626

DATE MAILED: 10/03/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/921,729

Applicant(s)

PO-HUA, FANG

Examiner

Negussie Worku

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 07/11/05.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-6 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-6 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

1. Applicant's arguments, filed July 11, 2005, with respect to the rejection(s) of claim(s) 1-6 under 35 U.S.C. 102(e) have been fully considered and are persuasive. Therefore, the rejection has been withdrawn. However, upon further consideration, a new ground(s) of rejection is made over Chang (USPAP 2002/0039205) in view of Mai (USP 6002508).

Claim Rejections - 35 USC § 103

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 1-6 are rejected under 35 U.S.C. 103(a) as being unpatentable over Chang (USPAP 2002/0039205) in view of Mai (USP 6002508).

With respect to claim 1, Chang discloses an improved transparency scanning module, (as shown by fig 1 to 3) which is applied on a cover of scanning device, and the transparency scanning module is installed on the cover, (transparency adapter 11 of fig 1, is secured to cover 22 of fig 2, see col.2, lines 1-4) wherein, the features are: the transparency scanning module (11 of fig 1) is embedded in the cover, see (col.2, lines

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1-4) a slot of the cover for holding transparency scanning module (window 112 of fig 1, is a slot that holds a transparency scanning adaptor 11 of fig 1).

Chang does not teach a transparency scanning model includes plural power connectors, and there are plural connectors set on the relative positions of transparency scanning module for connecting to the plural power connectors.

Mai in the same area of optical scanner disclose plural power connectors, (power supply 23 of fig 2), and there are plural connectors set on the relative positions of transparency scanning module (fig 2) for connecting to the plural power connectors, col.3, lines 40-45).

Therefore, it would have been obvious to a person having ordinary skill in the art at the time the invention was made to have modified Chang's scanning system by the teaching of Mai.

It would have been obvious to a person having ordinary skill in the art at the time the invention was made to have modified Chang's optical system by the teaching of Mai for simplifying a structural configuration of the reading apparatus, for cost reduction purpose, such as a retail piece and manufacturing cost.

With respect to claim 2, Chang discloses the improved transparency-scanning module, (as shown by fig 1 to 3) wherein the transparency scanning module further includes a rim having central part central part is protruding in z direction, (transparency adaptor 11 and scanner 20 are positioned in the center of a housing 21 as shown by fig 1).

With respect to claim 3, Chang discloses the improved transparency scanning module, (as shown by fig 1 to 3), wherein the plural power connectors on the cover and the plural connectors of the transparency scanning modules can be connected and taken apart at any time, (as shown by fig 2, since light emitting device 111 of fig 2, is positioned between transparency adaptor 11 and cover 22, as shown in fig 2, so that connectors are inherently provided to connect the light emitting device 111 and scanning module 20 of fig 1, to the power source, and box 12 and fasteners 132a of fig 2, are for connecting the devices each other, see col.2, lines 11-15).

With respect to claim 4, Chang discloses the improved transparency-scanning module, (as shown by fig 1 to 3) wherein, connecting the plural power connectors of the cover and the plural connectors of the transparency scanning module, the transparency-scanning module is able to supply light, (since light emitting device 111 of fig 2, is positioned between transparency adaptor 11 and cover 22, as shown in fig 2, so that connectors are inherently provided to connect the light emitting device 111 and scanning module 20 of fig 1, to the power source, and box 12 and fasteners 132a of fig 2, are for connecting the devices each other as shown by fig 2, see col.2, lines 11-15).

With respect to claim 5, Chang discloses the improved transparency scanning module, (as shown by fig 1 to 3), wherein transparency scanning module is able to scan

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transparent document and general document, see col.2, paragraph 0026, lines 4-7 and col.2, paragraph 0011, lines 6-10).

With respect to claim 6, Chang discloses the improved transparency-scanning module, (as shown by fig 1 to 3) wherein, the transparency scanning module (scanner 20 of fig 2) and cover (cover 22 of fig 1) are combined and fixed after power connectors connecting with connectors, (since light emitting device 111 of fig 2, is positioned between transparency adaptor 11 and cover 22, as shown in fig 2, so that connectors are inherently provided to connect the light emitting device 111 and scanning module 20 of fig 1, to the power source, and box 12 and fasteners 132a of fig 2, are for connecting the devices each other as shown by fig 2, see col.2, lines 11-15).

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Negussie Worku whose telephone number is 305-5441. The examiner can normally be reached on 7am-4pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kimberly Williams can be reached on 703-305-4863. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Negussie Worku
09/30/05



KIMBERLY WILLIAMS
SUPERVISOR PATENT EXAMINER